WHAT IS CLAIMED IS:

1. A display apparatus where results of processing by a plurality of operating systems (hereinafter, abbreviated as OSs) are displayed on a same display unit, comprising:

a memory which expands said processing results in correspondence with said plurality of OSs,

a display switch which switches among displays of said plurality of OSs, and

a display environment changer which changes, in correspondence with a display switching by said display switch, display environments to be set for expanding said processing results.

2. The display apparatus as claimed in Claim 1, wherein said display environment changer sets color pallets that are different from each other in correspondence with said plurality of OSs, and expands display data into said memory in accordance with said set color pallets.

3. The display apparatus as claimed in Claim 1, wherein said display environment changer sets color modes that are different from each other in correspondence with said plurality of OSs, and expands display data into said memory in accordance with said set color modes.

4. A display apparatus where results of processing by a plurality of OSs are displayed on a same display unit, comprising:

a memory which expands said processing results in correspondence with said plurality of OSs,

a display environment changer which changes, in correspondence with said plurality of OSs, display environments to be set for expanding said processing results, and

a display superimposer which displays a plurality of frames in a state of being superimposed on each other, said plurality of frames being expanded into said memory, wherein said display superimposer superimposes said plurality of frames in a manner that a frame expanded and displayed by either of said plurality of OSs is set in a background and an OS is set in a foreground, said OS being different from said OS that, of said plurality of OSs, becomes said background.

5. The display apparatus as claimed in Claim 4, wherein said display environment changer sets color pallets that are different from each other in correspondence with said plurality of OSs, and expands display data into said memory in accordance with said set color pallets.

6. The display apparatus as claimed in Claim 4, wherein said display environment changer sets color modes that are different from each other in correspondence with said plurality of OSs, and expands display data into said memory in accordance with said set color modes.

7. The display apparatus as claimed in Claim 4, wherein said display superimposer sets a specified color of said foreground to be a transmission color, then superimposing said foreground on said background.

8. The display apparatus as claimed in Claim 4, wherein said display superimposer has a superimposition display color determining table so as to superimpose said foreground on said background in accordance with said superimposition display color determining table, said superimposition display color determining table being provided for determining a display color at the time when said foreground and said background are superimposed on each other.

9. A display apparatus where results of processing by a plurality of OSs are displayed on a same display unit, comprising:

a memory which expands said processing results in correspondence with said plurality of OSs, and

a display area divider which divides a display area of said display unit so as to simultaneously display, on said display unit, at least two of a plurality of frames expanded into said memory.

10. A display apparatus where results of processing by a plurality of OSs are displayed on a same display unit, comprising:

a memory which expands said processing results in correspondence with said plurality of OSs,

a display environment changer which changes, in correspondence with said plurality of OSs, display environments to be set for expanding said processing results,

a display superimposer which displays a plurality of frames in a state of being superimposed on each other, said plurality of frames being expanded into said memory, and

a plurality of input devices which receive an user input, wherein said input devices determine, in correspondence with a mode of said superimposed display, an OS to which an input event of said user input is to be transferred.

11. The display apparatus as claimed in Claim 10, wherein said input devices determine, in correspondence with a background of said superimposed display, said OS to which said input event is to be transferred.

12. A display apparatus where results of processing by a plurality of OSs are displayed on a same display unit, comprising:

a processing unit which generates, from said plurality of processing results, a plurality of graphics-drawing frames to be simultaneously displayed on said display unit, and

a display environment generator which sets, when generating said plurality of graphics-drawing frames, a display environment in correspondence with said plurality of OSs of said processing results that

correspond to a graphics-drawing frame to be generated next, said display environment being to be set for generating said plurality of graphics-drawing frames.

13. A display method of displaying results of processing by a plurality of OSs on a same display unit, comprising the steps of:

generating, from said plurality of processing results, a plurality of graphics-drawing frames to be simultaneously displayed on said display unit, and

setting a display environment in correspondence with said plurality of OSs of said processing results that correspond to a graphics-drawing frame to be generated next, said display environment being to be set for generating said plurality of graphics-drawing frames.

14. A navigation apparatus, comprising:

a plurality of sensors for detecting a running state of a moving object,

an information processing unit including at least a navigation function, said navigation function determining a present position of said moving object in accordance with a detected result obtained from said plurality of sensors, and

an image processing unit for causing a display unit to display an image indicating a processed result obtained in said information processing unit, wherein said information processing unit executes an information processing by using a plurality of OSs, and

said image processing unit causing said display unit to simultaneously display an image for indicating a plurality of processed results obtained by said plurality of OSs.